

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/010538

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61F2/34

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 290 727 B1 (KELLER ARNOLD ET AL) 18 September 2001 (2001-09-18) figures 1-4 column 1, line 31 - line 36 column 3, line 54 - column 4, line 46 -----	1,5,9, 13,15
X	US 2003/050703 A1 (BURROUGHS BRIAN R ET AL) 13 March 2003 (2003-03-13) figure 2 paragraph [0042] paragraph [0045] -----	1,5,6, 11-13,15
X	US 4 950 299 A (NOILES DOUGLAS G) 21 August 1990 (1990-08-21) figure 2 column 6, line 30 - column 7, line 27 ----- -/--	1,5, 11-13,15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

17 February 2005

Date of mailing of the international search report

15. 04. 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 749 162 A (FAUVY ALAIN) 5 December 1997 (1997-12-05) figure 4 page 9, line 8 - line 12 -----	1,5,6, 11-13

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP2004/010538

### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1, 4-15

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1, 4-15

An acetabular liner and a method of manufacturing an implant  
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2. claims: 2, 4-15

An acetabular liner and a method of manufacturing an implant  
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3. claims: 3, 4-15

An acetabular liner and a method of manufacturing an implant  
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010538

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6290727	B1	18-09-2001	DE	19843797 A1	30-03-2000
			EP	0997117 A2	03-05-2000
-----					
US 2003050703	A1	13-03-2003	AU	7697501 A	13-02-2002
			CA	2416256 A1	07-02-2002
			EP	1304980 A2	02-05-2003
			JP	2004521664 T	22-07-2004
			WO	0209615 A2	07-02-2002
-----					
US 4950299	A	21-08-1990	US	4642123 A	10-02-1987
			US	4801301 A	31-01-1989
			AT	64292 T	15-06-1991
			CA	1264501 A1	23-01-1990
			DE	3484699 D1	18-07-1991
			EP	0137040 A1	17-04-1985
			JP	5050290 B	28-07-1993
			JP	60500657 T	09-05-1985
			WO	8403432 A1	13-09-1984
			US	RE38409 E1	27-01-2004
			US	4978356 A	18-12-1990
			US	4960427 A	02-10-1990
			US	4678472 A	07-07-1987
			US	6042611 A	28-03-2000
-----					
FR 2749162	A	05-12-1997	FR	2749162 A1	05-12-1997
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